Location Date/Time Deaths & Property & Event Type and Details
Injuries Crop Dmg

ATLANTIC NORTH

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NW PINEY POINT [38.13, -76.53]

10/15/12 19:12 EST 0 Marine Thunderstorm Wind (MG 35 kt)

10/15/12 19:12 EST 0 Source: Buoy

Wind gusts of 35 knots were measured at Piney Point Buoy.

A cold front extending from low pressure over the eastern Great Lakes moved through the Mid Atlantic from the west. Strong southerly flow and high dewpoints helped produce showers and isolated thunderstorms. Marginal instability produced strong winds over the waters.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.7 ENE BALTIMORE APPROACHES BUOY [39.21, -76.25]

10/19/12 20:06 EST 0 Marine Thunderstorm Wind (EG 34 kt)

10/19/12 20:06 EST 0 Source: Buoy

Wind gusts in excess of 31 knots were reported at Tolchester Buoy.

A cold front moved eastward through the Mid Atlantic and was located east of the Blue Ridge Mountains in the evening. Conditions were favorable for showers and thunderstorms to develop with high shear values. Tornado-genesis occurred in Northeast Maryland.

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY --- 0.6 SW WALTER REED [38.97, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 0.8 SW WALTER REED [38.97, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 0.8 SW WALTER REED [38.97, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 0.8 SW WALTER REED [38.97, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 0.8 SW WALTER REED [38.97, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 0.8 SW WALTER REED [38.97, -77.04]

-77.04], 0.7 SW WALTER REED [38.97, -77.04]

 10/29/12 15:30 EST
 0
 Flood (due to Heavy Rain)

 10/30/12 13:30 EST
 0
 Source: Other Federal Agency

Rock creek exceeded flood level between 430 pm on the 29th and 1230pm on the 30th.

Hurricane Sandy moved up the Atlantic coast and then turned Northwest and made landfall northeast of MD. Heavy rain and high winds over spread coastal regions and most of Maryland, Northern Virginia, and DC. Heavy rain caused flood and river flooding.

(DC-Z001) DISTRICT OF COLUMBIA

10/29/12 17:25 EST 0 High Wind (MAX 53 kt)

10/29/12 21:09 EST 20K

Hurricane Sandy moved up the Atlantic coast and then turned Northwest and made landfall northeast of MD. Heavy rain and high winds over spread coastal regions and most of Maryland, eastern panhandle of West Virginia and Northern Virginia. Heavy rain caused flooding and river flooding.

(DC-Z001) DISTRICT OF COLUMBIA

10/30/12 17:03 EST 0 Coastal Flood

10/31/12 23:59 EST 0

Hurricane Sandy moved up the Atlantic coast and then turned Northwest and made landfall northeast of MD. Heavy rain and high winds over spread coastal regions and most of Maryland, Northern Virginia, and DC. Heavy rain caused flood and river flooding. As Sandy moved north of the Mid Atlantic, winds switched to southerly and coastal flooding occurred.

MARYLAND, Central

(MD-Z003) WASHINGTON, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

10/01/12 00:00 EST 0 Dense Fog

10/01/12 08:17 EST 0

Surface high pressure at the surface led to clear skies and calm winds. Showers occurred the day before which made the ground moist and fog formed.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	ARHURST [39.50, -76.88], 0.3 NE CEDA	RHURST [39.50, -7	76.88], 0.4 NE CED	ARHURST [39.50, -76.87], 0.5 NE
CEDARHURST [39.50, -76.87]	10/02/12 10:00 EST		0	Flood (due to Heavy Rain)
	10/02/12 14:30 EST		0	Source: 911 Call Center
There was a road closed near the inte	rsection of Emery Road and Hollingswor	th Road due to wa	ter across the road	lway.
	CLARKSBURG [39.22, -77.26], 0.5 NW	UNITY [39.23, -77.	06], 0.4 SW HOME	WOOD [39.03, -77.06], 2.1 ENE GLEN
[39.06, -77.18]	10/02/12 11:30 EST		0	Flood (due to Heavy Rain)
	10/02/12 14:30 EST		0	Source: 911 Call Center
· · · · · · · · · · · · · · · · · · ·	n portion of Frederick Road was closed do lar Lane and Franklin Street was closed of water across roadway.			_
	CORNER [39.33, -77.14], 0.8 WSW FLC	ORENCE [39.32, -7	7.13], 1.4 ENE DA	ISY [39.31, -77.05], 1.2 ESE LISBON
[39.33, -77.05]	10/02/12 11:37 EST		0	Flood (due to Heavy Rain)
	10/02/12 11:37 EST		0	Source: 911 Call Center
the intersection of Shaffers Mill Road a	rsection of Bushy Park Road and Carrs N and Shaffersville Road due to water acro	ss the roadway.		
ANNE ARUNDEL COUNTY 1.0 N T -76.76], 0.8 NNE TIPTON AAF ARPT	'IPTON AAF ARPT [39.09, -76.77], 1.1 NI [39.09, -76.77]	NE TIPTON AAF A	RPT [39.09, -76.76	6], 0.9 NNE TIPTON AAF ARPT [39.09,
-	10/02/12 12:30 EST		1K	Flood (due to Heavy Rain)
A tree fell on a car near the intersection	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park		0 pelieved to be due	Source: 911 Call Center to high water not strong winds.
A tree fell on a car near the intersection	10/02/12 15:30 EST		0 pelieved to be due	Source: 911 Call Center to high water not strong winds.
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15]	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park FIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST	IVILLE [39.49, -77.	0 pelieved to be due 16], 1.5 ENE UNIO 0 0	Source: 911 Call Center to high water not strong winds. DNVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the inte An upper level low over the Ohio Val Virginia. Low pressure to the west n	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park FIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST	IVILLE [39.49, -77. d Road due to watene south-southeas	opelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway.	Source: 911 Call Center to high water not strong winds. ONVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the inte An upper level low over the Ohio Val Virginia. Low pressure to the west n	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park FIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST resection of MD route 31 and Oak Orchard fley aided in moisture advection from the	d Road due to watene south-southeas infall continued.	0 pelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway. st as a warm front 07) HARFORD, (M	Source: 911 Call Center to high water not strong winds. ONVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the inte An upper level low over the Ohio Val Virginia. Low pressure to the west n	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park FIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST resection of MD route 31 and Oak Orchard ley aided in moisture advection from the cover on the cover o	d Road due to watene south-southeas infall continued.	0 pelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway. st as a warm front 07) HARFORD, (MALLEGANY 0	Source: 911 Call Center to high water not strong winds. ONVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the inter An upper level low over the Ohio Val Virginia. Low pressure to the west now (MD-Z003) WASHINGTON, (MD-Z005) SOUTHERN BALTIMORE, (MD-Z014)	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park FIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST resection of MD route 31 and Oak Orchard ley aided in moisture advection from the control of t	d Road due to watene south-southeas infall continued. LTIMORE, (MD-Z0. AND EASTERN A	opelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway. at as a warm front 07) HARFORD, (MALLEGANY 0 0	Source: 911 Call Center to high water not strong winds. DIVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through ID-Z010) HOWARD, (MD-Z011) Dense Fog
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the inte An upper level low over the Ohio Val Virginia. Low pressure to the west in (MD-Z003) WASHINGTON, (MD-Z005) SOUTHERN BALTIMORE, (MD-Z014) Surface high pressure at the surface winds. Showers from the previous di (MD-Z003) WASHINGTON, (MD-Z004) MONTGOMERY, (MD-Z010) HOWARD	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park Blonville [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST resection of MD route 31 and Oak Orchard Bley aided in moisture advection from the noved north and showers with heavy ra CARROLL, (MD-Z006) NORTHERN BA ANNE ARUNDEL, (MD-Z502) CENTRAL 10/02/12 18:31 EST 10/03/12 09:30 EST E was wedged up against the Appalachia ay caused ground to be moist and there O FREDERICK, (MD-Z005) CARROLL, (MD-Z013) PRINCE GEORGES, (MD-Z016)	d Road due to water south-southeast infall continued. LTIMORE, (MD-Z0. AND EASTERN A lans which led to a lefore fog formed in ID-Z006) NORTHE	opelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway. at as a warm front 07) HARFORD, (MALLEGANY 0 0 another evening of into the morning. RN BALTIMORE, (ESTERN ALLEGA	Source: 911 Call Center to high water not strong winds. DIVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through ID-Z010) HOWARD, (MD-Z011) Dense Fog f clear skies and calm (MD-Z007) HARFORD, (MD-Z009) NY, (MD-Z502) CENTRAL AND
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the inte An upper level low over the Ohio Val Virginia. Low pressure to the west in (MD-Z003) WASHINGTON, (MD-Z005) SOUTHERN BALTIMORE, (MD-Z014) Surface high pressure at the surface winds. Showers from the previous di (MD-Z003) WASHINGTON, (MD-Z004) MONTGOMERY, (MD-Z010) HOWARD	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park DIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST resection of MD route 31 and Oak Orchard Bley aided in moisture advection from the noved north and showers with heavy rate of the control o	d Road due to water south-southeast infall continued. LTIMORE, (MD-Z0. AND EASTERN A lans which led to a lefore fog formed in ID-Z006) NORTHE	opelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway. at as a warm front 07) HARFORD, (Mallegany 0 0 another evening of into the morning. RN BALTIMORE, (ESTERN ALLEGA)	Source: 911 Call Center to high water not strong winds. DIVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through ID-Z010) HOWARD, (MD-Z011) Dense Fog f clear skies and calm (MD-Z007) HARFORD, (MD-Z009)
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the intersection An upper level low over the Ohio Val Virginia. Low pressure to the west in (MD-Z003) WASHINGTON, (MD-Z005) SOUTHERN BALTIMORE, (MD-Z014) Surface high pressure at the surface winds. Showers from the previous discontinuous din	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park Blonville [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST resection of MD route 31 and Oak Orchard Bley aided in moisture advection from the noved north and showers with heavy ra CARROLL, (MD-Z006) NORTHERN BA ANNE ARUNDEL, (MD-Z502) CENTRAL 10/02/12 18:31 EST 10/03/12 09:30 EST E was wedged up against the Appalachia ay caused ground to be moist and there O FREDERICK, (MD-Z005) CARROLL, (MD-Z013) PRINCE GEORGES, (MD-Z016)	d Road due to water south-southeast infall continued. LTIMORE, (MD-Z0. AND EASTERN A ans which led to a efore fog formed in ID-Z006) NORTHE (501) EXTREME W	opelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway. at as a warm front 07) HARFORD, (Mallegany 0 0 another evening of not the morning. RN BALTIMORE, (ESTERN ALLEGA) 0 0	Source: 911 Call Center to high water not strong winds. DIVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through ID-Z010) HOWARD, (MD-Z011) Dense Fog f clear skies and calm (MD-Z007) HARFORD, (MD-Z009) LNY, (MD-Z502) CENTRAL AND Frost/Freeze
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the intersection An upper level low over the Ohio Val Virginia. Low pressure to the west in (MD-Z003) WASHINGTON, (MD-Z005) SOUTHERN BALTIMORE, (MD-Z014) Surface high pressure at the surface winds. Showers from the previous di (MD-Z003) WASHINGTON, (MD-Z004) MONTGOMERY, (MD-Z010) HOWARD EASTERN ALLEGANY	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park DIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST resection of MD route 31 and Oak Orchard Bley aided in moisture advection from the moved north and showers with heavy ra DIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 16:30 EST 10/02/12 16:30 EST 10/02/12 18:31 EST 10/03/12 09:30 EST 10/03/12 09:30 EST 10/13/12 00:00 EST 10/13/12 00:00 EST 10/13/12 08:30 EST	d Road due to water south-southeast infall continued. LTIMORE, (MD-Z0. AND EASTERN A ans which led to a efore fog formed in ID-Z006) NORTHE (501) EXTREME W	opelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway. at as a warm front 07) HARFORD, (Mallegany 0 0 another evening of not the morning. RN BALTIMORE, (ESTERN ALLEGA) 0 0	Source: 911 Call Center to high water not strong winds. DIVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through ID-Z010) HOWARD, (MD-Z011) Dense Fog f clear skies and calm (MD-Z007) HARFORD, (MD-Z009) LNY, (MD-Z502) CENTRAL AND Frost/Freeze
A tree fell on a car near the intersection FREDERICK COUNTY 1.7 ENE UN UNIONVILLE [39.49, -77.15] There was a road closed near the intersection An upper level low over the Ohio Val Virginia. Low pressure to the west in (MD-Z003) WASHINGTON, (MD-Z005) SOUTHERN BALTIMORE, (MD-Z014) Surface high pressure at the surface winds. Showers from the previous discontinuous din	10/02/12 15:30 EST on of Washington Blvd and Patuxent Park DIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 14:30 EST 10/02/12 16:30 EST resection of MD route 31 and Oak Orchard Bley aided in moisture advection from the moved north and showers with heavy ra DIONVILLE [39.49, -77.15], 1.6 NE UNION 10/02/12 16:30 EST 10/02/12 16:30 EST 10/02/12 18:31 EST 10/03/12 09:30 EST 10/03/12 09:30 EST 10/13/12 00:00 EST 10/13/12 00:00 EST 10/13/12 08:30 EST	d Road due to water south-southeast infall continued. LTIMORE, (MD-Z0. AND EASTERN A ans which led to a efore fog formed in ID-Z006) NORTHE (501) EXTREME W	opelieved to be due 16], 1.5 ENE UNIO 0 0 er across roadway. at as a warm front 07) HARFORD, (Mallegany 0 0 another evening of not the morning. RN BALTIMORE, (ESTERN ALLEGA) 0 0	Source: 911 Call Center to high water not strong winds. DIVILLE [39.49, -77.16], 1.7 ENE Flood (due to Heavy Rain) Source: 911 Call Center moved north through ID-Z010) HOWARD, (MD-Z011) Dense Fog f clear skies and calm (MD-Z007) HARFORD, (MD-Z009) LNY, (MD-Z502) CENTRAL AND Frost/Freeze

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
were able to maintain themselves. Thunders	torms developed and hail was	s the main threat.		
HARFORD COUNTY 1.1 SE MADONNA [39	0.61, -76.50], 1.0 ENE MADON 10/19/12 18:07 EST	NA [39.63, -76.50]	0	Torondo (EEO. L. 1.20 mi. W. 100 vd)
	10/19/12 18:12 EST		0	Tornado (EF0, L: 1.20 mi , W: 100 yd) Source: NWS Storm Survey
	10/19/12 10.12 E31		U	Source: NVV3 Storm Survey
A team from the NWS conducted a ground sur that an EF-0 tornado occurred in NW Harford 0		of Jarrettsville. Base	d on that survey al	ong with radar data the team dermined
Damage occurred north along the 2100 block of base and folded across Cox Road and into the directions behind a residence on Cox Road. T damage also occurred to the front and back of across from Norrisville Road and near the Sale gazebo was lifted off the back porch of the resideen rated an EF-0 with maximum winds estim	front yard of a residence. Largine television antenna was blow the residence. A second area om Church Road. Shingles and idence on the 3800 block and	ge trees and tree bra wn off the roof and la of damage was loca d siding were strippe	nches were either anded in the backyanted along the 3800 don several home	snapped or uprooted in different ard. Additional minor roof and gutter b block of Breidenbaugh Court located s along with snapped tree branches. A
A cold front moved eastward through the Midwere favorable for showers and thunderstore		-		_
(MD-Z017) ST. MARY'S				
	10/28/12 12:45 EST		0	Coastal Flood
	10/28/12 14:50 EST		0	
As Hurricane Sandy moved up the east coas ANNE ARUNDEL COUNTY 1.1 NNW ORDN BESTGATE [39.01, -76.57]				
• , •	10/29/12 10:29 EST		0	Flood (due to Heavy Rain)
	10/29/12 13:30 EST		0	Source: Department of Highways
			O	
Theses places were flooded: MD 450 was floobetween Central Ave and MD 648.	oded and closed by streams be	etween Huntwood Dr		
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3			ive and Saint Stepl	nens Church Road and MD176 flooded
between Central Ave and MD 648.	9.53, -77.54], 0.6 SE ELLERTO		e and Saint Stept 9 ESE ELLERTON	nens Church Road and MD176 flooded [39.53, -77.53], 0.7 E ELLERTON [39.53,
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3			ive and Saint Stepl	nens Church Road and MD176 flooded [39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain)
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST		eve and Saint Steph 9 ESE ELLERTON	nens Church Road and MD176 flooded [39.53, -77.53], 0.7 E ELLERTON [39.53,
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road.	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST	DN [39.52, -77.54], 0.	ove and Saint Stephone 9 ESE ELLERTON 0 0	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20,	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [39	DN [39.52, -77.54], 0.	9 ESE ELLERTON 0 0 BRIDEWELL [39.1	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways
FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road.	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [38 10/29/12 12:40 EST	DN [39.52, -77.54], 0.	9 ESE ELLERTON 0 0 BRIDEWELL [39.1	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20,	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [39	DN [39.52, -77.54], 0.	9 ESE ELLERTON 0 0 BRIDEWELL [39.1	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20,	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [39] 10/29/12 12:40 EST 10/30/12 13:30 EST	DN [39.52, -77.54], 0.	9 ESE ELLERTON 0 0 BRIDEWELL [39.1	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways 12, -76.73], 0.7 SW BRIDEWELL [39.14, Flood (due to Heavy Rain) Source: Department of Highways
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20, -76.71] There roads were impacted: Wolfsville Rd floo	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [38 10/29/12 12:40 EST 10/30/12 13:30 EST	ON [39.52, -77.54], 0. 9.19, -76.78], 2.6 SW e it meets the Middle	9 ESE ELLERTON 0 0 BRIDEWELL [39.1 0 0 Creek and MD 103	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways 12, -76.73], 0.7 SW BRIDEWELL [39.14, Flood (due to Heavy Rain) Source: Department of Highways 3 was closed at Business Parkway.
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20, -76.71] There roads were impacted: Wolfsville Rd floo	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [38 10/29/12 12:40 EST 10/30/12 13:30 EST	ON [39.52, -77.54], 0. 9.19, -76.78], 2.6 SW e it meets the Middle	9 ESE ELLERTON 0 0 BRIDEWELL [39.1 0 0 Creek and MD 103	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways 12, -76.73], 0.7 SW BRIDEWELL [39.14, Flood (due to Heavy Rain) Source: Department of Highways 3 was closed at Business Parkway.
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20, -76.71] There roads were impacted: Wolfsville Rd floo	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [38 10/29/12 12:40 EST 10/30/12 13:30 EST oded at Crow Rock Road when	ON [39.52, -77.54], 0. 9.19, -76.78], 2.6 SW e it meets the Middle	9 ESE ELLERTON 0 0 BRIDEWELL [39.1 0 0 Creek and MD 103	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways 12, -76.73], 0.7 SW BRIDEWELL [39.14, Flood (due to Heavy Rain) Source: Department of Highways 3 was closed at Business Parkway.
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20, -76.71] There roads were impacted: Wolfsville Rd floo	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [38 10/29/12 12:40 EST 10/30/12 13:30 EST oded at Crow Rock Road where 89.40, -76.57], 0.8 W OAKLEIG	ON [39.52, -77.54], 0. 9.19, -76.78], 2.6 SW e it meets the Middle	9 ESE ELLERTON 0 0 BRIDEWELL [39.1 0 0 Creek and MD 103	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways 12, -76.73], 0.7 SW BRIDEWELL [39.14, Flood (due to Heavy Rain) Source: Department of Highways 3 was closed at Business Parkway. 9.40, -76.57], 0.9 W OAKLEIGH [39.40, Flood (due to Heavy Rain)
between Central Ave and MD 648. FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20, -76.71] There roads were impacted: Wolfsville Rd flooded at Wolfsville Rd flood	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [39 10/29/12 12:40 EST 10/30/12 13:30 EST oded at Crow Rock Road when 39.40, -76.57], 0.8 W OAKLEIG 10/29/12 14:05 EST 10/30/12 13:30 EST	ON [39.52, -77.54], 0. 9.19, -76.78], 2.6 SW e it meets the Middle	9 ESE ELLERTON 0 0 0 BRIDEWELL [39.1 0 0 Creek and MD 103 3 W OAKLEIGH [39.1	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways 12, -76.73], 0.7 SW BRIDEWELL [39.14, Flood (due to Heavy Rain) Source: Department of Highways 3 was closed at Business Parkway. 9.40, -76.57], 0.9 W OAKLEIGH [39.40, Flood (due to Heavy Rain) Source: Department of Highways
FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20, -76.71] There roads were impacted: Wolfsville Rd flood BALTIMORE COUNTY 0.9 W OAKLEIGH [3 -76.57] Maryland 542 was flooded at I-695.	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [39] 10/29/12 12:40 EST 10/30/12 13:30 EST oded at Crow Rock Road where 89.40, -76.57], 0.8 W OAKLEIG 10/29/12 14:05 EST 10/30/12 13:30 EST	ON [39.52, -77.54], 0. 9.19, -76.78], 2.6 SW e it meets the Middle	PESE ELLERTON O O BRIDEWELL [39.1 O O Creek and MD 103 BW OAKLEIGH [39.1 O O O	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways [12, -76.73], 0.7 SW BRIDEWELL [39.14, Flood (due to Heavy Rain) Source: Department of Highways [3 was closed at Business Parkway. [9.40, -76.57], 0.9 W OAKLEIGH [39.40, Flood (due to Heavy Rain) Source: Department of Highways
FREDERICK COUNTY 0.4 E ELLERTON [3 -77.54] Crow Rock Rd was flooded at Wolfsville Road. HOWARD COUNTY 1.3 N DORSEY [39.20, -76.71] There roads were impacted: Wolfsville Rd flood BALTIMORE COUNTY 0.9 W OAKLEIGH [3 -76.57] Maryland 542 was flooded at I-695. PRINCE GEORGE'S COUNTY 1.1 SSW WE	9.53, -77.54], 0.6 SE ELLERTO 10/29/12 12:30 EST 10/30/12 10:00 EST -76.75], 1.1 N WATERLOO [39:00] 10/29/12 12:40 EST 10/30/12 13:30 EST oded at Crow Rock Road where 10/29/12 14:05 EST 10/30/12 13:30 EST ELLS CORNER [38.80, -76.74],	ON [39.52, -77.54], 0. 9.19, -76.78], 2.6 SW e it meets the Middle	9 ESE ELLERTON 0 0 0 BRIDEWELL [39.1 0 0 Creek and MD 103 3 W OAKLEIGH [39.1	[39.53, -77.53], 0.7 E ELLERTON [39.53, Flood (due to Heavy Rain) Source: Department of Highways 12, -76.73], 0.7 SW BRIDEWELL [39.14, Flood (due to Heavy Rain) Source: Department of Highways 3 was closed at Business Parkway. 9.40, -76.57], 0.9 W OAKLEIGH [39.40, Flood (due to Heavy Rain) Source: Department of Highways

There were reports of flooding: the right lane was closed of US 50 east between exits 11 and 13 and the western branch was flooded at Water Street in

Upper Marlboro. The stream gauge there crested at 930am at over 15 feet.

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY 0.6 WNW H	OLLYWOOD PARK [39.07, -77.01], 0	0.4 ENE WHEATON	N HILLS [39.07, -77	.04], 0.5 S KEMP MILL [39.02, -77.02],
5.7 3W WHITE OAK [39.02, -77.01]	10/29/12 17:00 EST		0	Flood (due to Heavy Rain)
	10/30/12 13:30 EST		0	Source: Department of Highways
There were reports of flooding: NW Anac was closed due to flooding at NW branch		t Rt 29, NW brancl	n exceeded flood st	tage of 9 feet at 650pm, and US 29
WASHINGTON COUNTY 24.4 E HIGH	FIELD [39.69, -77.02], 24.4 E HIGH F	FIELD [39.66, -77.0	3], 0.9 NNE LEITE	RSBURG [39.71, -77.61], 1.5 NNE
LEITERSBURG [39.72, -77.61]	10/30/12 03:15 EST		0	Flood (due to Heavy Rain)
	10/30/12 16:00 EST		0	Source: Other Federal Agency
Antietam Creek near Leitersburg exceeden the 30th.	ed its flood stage between 0415 am a	and 1230pm and Li	cking Creek excee	ded flood stage between 8 am and 5 pm
Hurricane Sandy moved up the Atlantic over spread coastal regions and most c				leavy rain and high winds
MONTGOMERY, (MD-Z010) HOWARD, (I CHARLES, (MD-Z017) ST. MARY'S, (MD ALLEGANY				
Hurricane Sandy moved up the Atlantic over spread coastal regions and most c				-
Hurricane Sandy moved up the Atlantic over spread coastal regions and most o and river flooding.	of Maryland, eastern panhandle of W			-
Hurricane Sandy moved up the Atlantic over spread coastal regions and most o and river flooding.	of Maryland, eastern panhandle of W		Iorthern Virginia. I	Heavy rain caused flooding
Direct Fatalities: M??UT Hurricane Sandy moved up the Atlantic over spread coastal regions and most of and river flooding. (MD-Z501) EXTREME WESTERN ALLEG	of Maryland, eastern panhandle of W			-
Hurricane Sandy moved up the Atlantic over spread coastal regions and most of and river flooding. MD-Z501) EXTREME WESTERN ALLEGO Hurricane Sandy moved up the Atlantic over spread coastal regions and most of winds switched to southerly and coastal regions.	FANY 10/29/12 18:00 EST 10/30/12 07:00 EST coast and then turned Northwest a of Maryland. Heavy rain caused flooal flooding occurred. Blizzard condi	/est Virginia and N nd made landfall r d and river floodir	O O O northeast of MD. H	Heavy rain caused flooding Blizzard eavy rain and high winds ed north of the Mid Atlantic,
Hurricane Sandy moved up the Atlantic over spread coastal regions and most of and river flooding. MD-Z501) EXTREME WESTERN ALLEGO Hurricane Sandy moved up the Atlantic over spread coastal regions and most of winds switched to southerly and coastal 2500 feet in Western Maryland, Virginia,	ANY 10/29/12 18:00 EST 10/30/12 07:00 EST coast and then turned Northwest a of Maryland. Heavy rain caused flooral flooding occurred. Blizzard condit, and West Virginia. HERN BALTIMORE, (MD-Z014) ANN	Vest Virginia and N nd made landfall i d and river floodir itions occurred on	0 0 northeast of MD. H ag. As Sandy move the backside of S	Heavy rain caused flooding Blizzard eavy rain and high winds ed north of the Mid Atlantic, andy in elevations over
Hurricane Sandy moved up the Atlantic over spread coastal regions and most of and river flooding. (MD-Z501) EXTREME WESTERN ALLEGO Hurricane Sandy moved up the Atlantic over spread coastal regions and most of winds switched to southerly and coastal 2500 feet in Western Maryland, Virginia,	SANY 10/29/12 18:00 EST 10/30/12 07:00 EST coast and then turned Northwest a of Maryland. Heavy rain caused flood al flooding occurred. Blizzard condit, and West Virginia. HERN BALTIMORE, (MD-Z014) ANN 10/30/12 01:30 EST	Vest Virginia and N nd made landfall i d and river floodir itions occurred on	0 0 northeast of MD. H ng. As Sandy move the backside of S	Heavy rain caused flooding Blizzard eavy rain and high winds ed north of the Mid Atlantic,
Hurricane Sandy moved up the Atlantic over spread coastal regions and most of and river flooding. MD-Z501) EXTREME WESTERN ALLEGO Hurricane Sandy moved up the Atlantic over spread coastal regions and most of winds switched to southerly and coastal 2500 feet in Western Maryland, Virginia,	ANY 10/29/12 18:00 EST 10/30/12 07:00 EST coast and then turned Northwest a of Maryland. Heavy rain caused flooral flooding occurred. Blizzard condit, and West Virginia. HERN BALTIMORE, (MD-Z014) ANN	Vest Virginia and N nd made landfall i d and river floodir itions occurred on	0 0 northeast of MD. H ag. As Sandy move the backside of S	Heavy rain caused flooding Blizzard eavy rain and high winds ed north of the Mid Atlantic, andy in elevations over
Hurricane Sandy moved up the Atlantic over spread coastal regions and most o and river flooding.	ANY 10/29/12 18:00 EST 10/30/12 07:00 EST coast and then turned Northwest a of Maryland. Heavy rain caused flood and flooding occurred. Blizzard conditional Mest Virginia. HERN BALTIMORE, (MD-Z014) ANN 10/30/12 01:30 EST 10/30/12 19:18 EST coast and then turned Northwest a of Maryland. Heavy rain caused flood	nd made landfall id and river floodir itions occurred on E ARUNDEL, (MD	0 0 northeast of MD. H ng. As Sandy move the backside of S Z018) CALVERT 0 0	Blizzard eavy rain and high winds ed north of the Mid Atlantic, andy in elevations over Coastal Flood eavy rain and high winds
Hurricane Sandy moved up the Atlantic over spread coastal regions and most of and river flooding. (MD-Z501) EXTREME WESTERN ALLEGO Hurricane Sandy moved up the Atlantic over spread coastal regions and most of winds switched to southerly and coastal 2500 feet in Western Maryland, Virginia, (MD-Z007) HARFORD, (MD-Z011) SOUTH Hurricane Sandy moved up the Atlantic over spread coastal regions and most of the spread coastal regions and the spread coastal regions an	ANY 10/29/12 18:00 EST 10/30/12 07:00 EST coast and then turned Northwest a of Maryland. Heavy rain caused flood and flooding occurred. Blizzard conditional Mest Virginia. HERN BALTIMORE, (MD-Z014) ANN 10/30/12 01:30 EST 10/30/12 19:18 EST coast and then turned Northwest a of Maryland. Heavy rain caused flood	nd made landfall id and river floodir itions occurred on E ARUNDEL, (MD	0 0 northeast of MD. H ng. As Sandy move the backside of S Z018) CALVERT 0 0	Blizzard eavy rain and high winds ed north of the Mid Atlantic, andy in elevations over Coastal Flood eavy rain and high winds

Surface high pressure at the surface led to clear skies and calm winds. Showers occurred the day before which made the ground moist and fog formed.

10/01/12 00:36 EST

10/01/12 08:53 EST

(VA-Z031) CLARKE

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Dense Fog

0

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CULPEPER COUNTY 1.5 N CULPEPER	R [38.50, -78.00], 1.6 N WINSTON [3	8.42, -78.02], 0.6 S	SSE LIGNUM [38.41	1, -77.83], 1.4 SSE ELKWOOD [38.50,
-77.84]	10/02/12 09:00 EST		0	Flood (due to Heavy Rain)
	10/02/12 09:00 EST		0	Flood (due to Heavy Rain) Source: 911 Call Center
	10/02/12 13:00 E31		O	Source. 311 Gail Genter
There were four reports of flooding: a spot Culpeper. The 911 center reported water v and Route 3, and along Ellis Road.				
An upper level low over the Ohio Valley a /irginia. Low pressure to the west move			st as a warm front	moved north through
(VA-Z025) AUGUSTA, (VA-Z027) SHENAN	NDOAH. (VA-Z028) FREDERICK. (V	A-Z029) PAGE. (V	A-Z030) WARREN.	(VA-Z031) CLARKE. (VA-Z036)
NELSON, (VA-Z037) ALBEMARLE, (VA-Z			-	
WILLIAM, (VA-Z501) NORTHERN FAUQU	IER, (VA-Z502) SOUTHERN FAUQL	JIER		
	10/02/12 21:15 EST		0	Dense Fog
	10/03/12 08:40 EST		0	
Curfood high produces of the curfor	wadaad un against the Annelest	iono which lad ta	anothor overing -4	foliar aking and galm
Surface high pressure at the surface was winds. Showers from the previous day ca			-	I CIEGI SKIES AND CAIM
winds. Showers from the previous day Ca	auseu grounu to be moist and ther	erore rog rormea	into the morning.	
VA-Z503) WESTERN HIGHLAND				
,	10/08/12 06:00 EST		0	Frost/Freeze
	10/08/12 07:00 EST		0	
	10,00,12 07.00 201		· ·	
A large area of high pressure centered ac Potomac Highlands.	cross the Mid Atlantic led to tempe	eratures reaching t	the low 30s across	the Allegheny Front and
VA 7502\ WESTERN HIGH AND ///A 75	04) EASTEDN HIGHI AND			
VA-Z503) WESTERN HIGHLAND, (VA-Z5	·		0	Eroot/Eroozo
	10/11/12 04:30 EST		0	Frost/Freeze
	10/11/12 08:30 EST		0	
A large area of high pressure east of the Front and Potomac Highlands.	Atlantic coast led to temperatures	reaching the upp	er 20s and low 30s	s across the Allegheny
(VA-Z026) ROCKINGHAM, (VA-Z027) SHE RAPPAHANNOCK, (VA-Z042) LOUDOUN, FAUQUIER, (VA-Z503) WESTERN HIGHLA	, (VA-Z052) PRINCE WILLIAM, (VA-	Z053) FAIRFAX, (
AUQUIER, (VA-2903) WESTERN HIGHL	10/13/12 02:00 EST	IND	0	Frost/Freeze
	10/13/12 08:30 EST		0	
High pressure over the Northeast led to t		lantic to the upper		
SHENANDOAH COUNTY 0.4 SSE EDIT	TH XRDS [38.77, -78.50]			
	10/18/12 20:15 EST		0	Hail (1.00 in)
	10/18/12 20:15 EST		0	Source: Public
FREDERICK COUNTY 1.2 N STEPHEN	• •		•	11-7 (4.00 %)
	10/18/12 20:32 EST		0	Hail (1.00 in)
	10/18/12 20:32 EST		0	Source: Broadcast Media
A cold front moved through the Mid Atlar were able to maintain themselves. Thun	-	' - '	the shear in the lo	w levels and updrafts
OUDOUN COUNTY 2.5 NNW HILLSBO	ORO [39.23, -77.74], 5.2 SW MIDDLI	EBURG [38.93, -77	7.85], 2.9 SE PLEA	SANT VLY [38.90, -77.44], 1.8 WNW
2004, -11.40]	10/29/12 12:30 EST		0	Flood (due to Heavy Rain)
	10/30/12 10:00 EST		0	Source: Department of Highways
	13.33.12 10.00 201		·	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
There were many reports of flooding: Shrevexceeded its flood level between 0630pm of 10am on the 30th, the North Fork of Goose flood stage between 1015 and 1030 pm, the	on the 29th and 1230 PM on the 30th Creek was above flood level betwee e Monocacy River at Brdigeport exc	s Greenway, Berlin th, Beaverdam Cree een about 1020pm c ceeded flood stage t	Turnpike and Alld k was above flood on the 29th and 4a from apprpox 11p	d level between 930 pm on the 29th and am on the 30th, Broad Run exceeded its
closed at Goose Creek, and Allder School I	Road is closed at the South Fork of	the Catoctin Creek.		
FAIRFAX COUNTY 1.0 W TREMONT [3	8.85, -77.24], 0.9 WSW TREMONT	[38.85, -77.24], 0.9 \	WSW TREMONT	[38.85, -77.24], 1.0 WSW TREMONT
[38.85, -77.24]	10/29/12 12:47 EST		0	Flood (due to Heavy Rain)
	10/29/12 12:47 EST 10/29/12 20:00 EST		0	Source: Department of Highways
Woodburn Road was flooded near Accotink			Ü	ocaroc. Boparanon or riigimayo
CLARKE COUNTY 1.3 NNE DOUBLE TO	OLLGATE [39.07, -78.12], 1,2 NNE	DOUBLE TOLLGA	TE [39.0778.12]	I. 1.2 NNE DOUBLE TOLLGATE (39.07.
-78.12], 1.2 NNE DOUBLE TOLLGATE [39.			[, -	,,,
	10/29/12 13:20 EST		0	Flood (due to Heavy Rain)
	10/30/12 08:22 EST		0	Source: Department of Highways
Nations Spring Road near Gun Barrel Road	d was flooded.			
PRINCE WILLIAM COUNTY 1.6 W NOK	ESVILLE [38.70, -77.61], 1.7 W NO	KESVILLE [38.70, -	77.61], 1.6 W NO	KESVILLE [38.70, -77.61], 1.5 W
NOKESVILLE [38.70, -77.61]	10/29/12 13:30 EST		0	Flood (due to Heavy Rain)
	10/30/12 17:30 EST		0	Source: Department of Highways
			-	
Road was flooded near 11732 Reid Lane.				
FREDERICK COUNTY 0.5 ESE ARMEL		9.08, -78.14], 0.7 ES	=	
	10/29/12 13:33 EST		0	Flood (due to Heavy Rain)
	10/30/12 14:30 EST		0	Source: Department of Highways
This road was flooded.				
SHENANDOAH COUNTY 1.0 WSW ST S	STEPHENS CHURCH [39.01, -78.44	1], 2.3 E CAPON RE	[39.00, -78.33], (0.7 SE BOWMAN [38.79, -78.57], 1.2 SE
BASYE [38.79, -78.76]	10/29/12 19:06 EST		0	Flood (due to Heavy Pain)
	10/30/12 14:30 EST		0	Flood (due to Heavy Rain)
	10/30/12 14:30 EST		U	Source: Department of Highways
There were reports of flooding: Stoney Cre- to other roads in the county remain closed,			rooked Run Rd re	emains closed due to flooding in addition
GREENE COUNTY 1.1 NNW STANDAR	- · · · · ·	STANDARDSVILLE	[38.31, -78.44], 1	1.0 NNW STANDARDSVILLE [38.31,
-78.44], 1.0 NNW STANDARDSVILLE [38.3	10/29/12 19:32 EST		0	Flood (due to Heavy Rain)
	10/30/12 13:30 EST		0	Source: Department of Highways
Octonia road was closed due to flooding.				
FAUQUIER COUNTY 1.5 NNW REMING	TON [38.55, -77.81], 1.4 S BEALET	ON [38.55, -77.77],	1.2 ESE CATLET	TT [38.64, -77.61], 0.6 W CATLETT
[38.65, -77.64]	40/00/40 00:40 FOT		0	Flood (due to Hoove Deley)
	10/29/12 20:46 EST		0	Flood (due to Heavy Rain)
	10/30/12 17:30 EST		0	Source: Other Federal Agency
There were two reports of flooding: A streat to flooding.	nm gauge on Cedar Run exceeded	flood stage at 946 p	m and Remingtor	n Rd was closed near Lucky Hill Rd due
RAPPAHANNOCK COUNTY 1.4 ENE LA	AUREL MILLS [38.66, -78.08], 1.5 E		S [38.66, -78.07],	1.5 ENE LAUREL MILLS [38.66, -78.07],
1.4 ENE LAUREL MILLS [38.66, -78.07]	10/29/12 23:15 EST		0	Flood (due to Hoove Poin)
	111/29/12 23/15 EST			
	10/29/12 23:30 EST		0	Flood (due to Heavy Rain) Source: Other Federal Agency

Battle Run at Laurel Mills exceeded its flood stage between 1215 and 1230 am Tuesday.

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
CULPEPER COUNTY 1.4 NNE RIXEYVILI	LE [38.60, -77.96], 1.1 ENE MONU	IMENT MILLS [38.	60, -77.98], 0.9 WS	SW WINSTON [38.39, -78.04], 1.9 E	
WINSTON [38.40, -77.99]	10/30/12 05:30 EST		0	Flood (due to Heavy Rain)	
	10/30/12 08:00 EST		0	Source: Department of Highways	
Road was flooded at US 522 at Winston Roa vridge nearby was covered for nearly a day.	d in Winston, VA and Hazel River	exceeded flood le	vel between 630ar	n and 9 am on the 30th. The low water	
durricane Sandy moved up the Atlantic co over spread coastal regions and most of M				_	
VA-Z025) AUGUSTA, (VA-Z026) ROCKING			-	(VA-Z038) GREENE, (VA-Z039)	
//ADISON, (VA-Z040) RAPPAHANNOCK, (V	A-Z503) WESTERN HIGHLAND, (10/29/12 14:00 EST	VA-Z504) EASTEI	RN HIGHLAND 0	Blizzard	
	10/30/12 10:00 EST		0	Sizzai d	
lurricane Sandy moved up the Atlantic coaver spread coastal regions and most of M vinds switched to southerly and coastal flo 500 feet in Western Maryland, Virginia, an	aryland. Heavy rain caused flood ooding occurred. Blizzard conditi	d and river floodin	g. As Sandy move	ed north of the Mid Atlantic,	
VA-Z027) SHENANDOAH, (VA-Z028) FRED MADISON, (VA-Z040) RAPPAHANNOCK, (V ARLINGTON, (VA-Z055) STAFFORD, (VA-Z WESTERN HIGHLAND, (VA-Z504) EASTERI	A-Z042) LOUDOUN, (VA-Z051) C 057) KING GEORGE, (VA-Z501) N	ULPEPER, (VA-Z	52) PRINCE WILL	IAM, (VA-Z053) FAIRFAX, (VA-Z054)	
	10/29/12 16:00 EST		5.32M	High Wind (MAX 55 kt)	
	10/29/12 23:00 EST	1	2.18M		
over spread coastal regions and most of M und river flooding. VA-Z054) ARLINGTON					
	10/30/12 17:06 EST		0	Coastal Flood	
			^		
	10/30/12 21:16 EST		0		
ver spread coastal regions and most of M noved north of the Mid Atlantic, winds swi	ast and then turned Northwest ar aryland, Northern Virginia, and D	C. Heavy rain cau	ortheast of MD. H	-	
over spread coastal regions and most of M noved north of the Mid Atlantic, winds swi	ast and then turned Northwest ar aryland, Northern Virginia, and D tched to southerly and coastal fl	OC. Heavy rain cau	ortheast of MD. H	-	
ver spread coastal regions and most of M noved north of the Mid Atlantic, winds swi	ast and then turned Northwest ar aryland, Northern Virginia, and D tched to southerly and coastal fl	OC. Heavy rain cau	ortheast of MD. H	er flooding. As Sandy	
over spread coastal regions and most of M moved north of the Mid Atlantic, winds swi	ast and then turned Northwest ar aryland, Northern Virginia, and D tched to southerly and coastal flo SON, (WV-Z504) EASTERN MINE	OC. Heavy rain cau	ortheast of MD. H	-	
over spread coastal regions and most of Monoved north of the Mid Atlantic, winds swinds and most of the Mid Atlantic, winds swinds are sufficiently with the Mid Atlantic, winds swinds and most of the Mid Atlantic, winds swinds with the Mid Atlantic, winds swinds and most of the Mid Atlantic, winds are sufficiently with the Mid Atlantic, winds are sufficiently with the Mid Atlantic, winds are sufficiently with the Mid Atlantic, winds swinds are sufficiently with the Mid Atlantic, winds swinds are sufficiently with the Mid Atlantic, winds swinds are sufficiently winds and most of Mid Atlantic, winds swinds are sufficiently winds and most of Mid Atlantic, winds swinds are sufficiently winds and winds are sufficiently winds and most of the Mid Atlantic, winds swinds are sufficiently winds and winds are sufficiently winds and winds are sufficiently winds.	ast and then turned Northwest ar aryland, Northern Virginia, and D tched to southerly and coastal flo SON, (WV-Z504) EASTERN MINE 10/01/12 00:00 EST 10/01/12 08:53 EST	OC. Heavy rain cau ooding occurred.	ortheast of MD. H used flood and riv	Dense Fog	
ver spread coastal regions and most of M noved north of the Mid Atlantic, winds swi VEST VIRGINIA, East NV-Z052) BERKELEY, (WV-Z053) JEFFER: surface high pressure at the surface led to nd fog formed.	ast and then turned Northwest ar aryland, Northern Virginia, and D tched to southerly and coastal flo SON, (WV-Z504) EASTERN MINE 10/01/12 00:00 EST 10/01/12 08:53 EST clear skies and calm winds. Sho	OC. Heavy rain cau ooding occurred. RAL	ortheast of MD. H ised flood and riv 0 0	Dense Fog h made the ground moist	
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Date/Time Deaths & **Event Type and Details** Location Property & Injuries Crop Dma A large area of high pressure centered across the Mid Atlantic led to temperatures reaching the low 30s across the Allegheny Front and Potomac Highlands. (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL 10/09/12 06:00 EST 0 Frost/Freeze 10/09/12 07:00 EST n A large area of high pressure east of the Atlantic coast led to temperatures reaching the low 30s across the Allegheny Front and Potomac Highlands. (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL 10/11/12 04:30 EST 0 Frost/Freeze 10/11/12 08:30 EST 0 A large area of high pressure east of the Atlantic coast led to temperatures reaching the upper 20s and low 30s across the Allegheny Front and Potomac Highlands. (WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) **EASTERN PENDLETON** 10/13/12 00:00 EST 0 Frost/Freeze 0 10/13/12 08:30 EST High pressure over the Northeast led to temperatures to drop in the Mid Atlantic to the upper 20s and low 30s. (WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) **EASTERN PENDLETON** 10/29/12 03:00 EST High Wind (MAX 60 kt) 12K 10/30/12 03:00 EST 30K Hurricane Sandy moved up the Atlantic coast and then turned Northwest and made landfall northeast of MD. Heavy rain and high winds over spread coastal regions and most of Maryland, eastern panhandle of West Virginia and Northern Virginia. Heavy rain caused flooding and river flooding. BERKELEY COUNTY --- 1.6 NW MARTINSBURG [39.47, -77.99], 1.6 NW MARTINSBURG [39.47, -77.99], 1.6 NW MARTINSBURG [39.47, -77.99], 1.6 NW MARTINSBURG [39.47, -77.99] 10/29/12 13:40 EST Flash Flood (due to Heavy Rain) n 10/29/12 14:45 EST Source: 911 Call Center The 400 block of Cacapon Drive was closed due to high water. MINERAL COUNTY --- 2.1 W HEADSVILLE [39.40, -78.91], 2.1 W HEADSVILLE [39.40, -78.91], 2.0 W HEADSVILLE [39.40, -78.91], 1.9 W HEADSVILLE [39.40, -78.91] 10/29/12 20:55 EST 0 Flood (due to Heavy Rain) 10/30/12 15:15 EST n Source: Emergency Manager There was water running over Headsville Road at Patterson Creek. Hurricane Sandy moved up the Atlantic coast and then turned Northwest and made landfall northeast of MD. Heavy rain and high winds over spread coastal regions and most of Maryland, eastern panhandle of West Virginia and Northern Virginia. Heavy rain caused flooding and river flooding. (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON 10/29/12 14:00 EST 10/30/12 10:00 FST O

Hurricane Sandy moved up the Atlantic coast and then turned Northwest and made landfall northeast of MD. Heavy rain and high winds over spread coastal regions and most of Maryland. Heavy rain caused flood and river flooding. As Sandy moved north of the Mid Atlantic, winds switched to southerly and coastal flooding occurred. Blizzard conditions occurred on the backside of Sandy in elevations over

2500 feet in Western Maryland, Virginia, and West Virginia.

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